

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C25B11.04 C23C18/02 C01G19/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C25B C23C C01G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	SU 541 849 A (DOBROKHOTOVA T F) 5 January 1977 (1977-01-05) abstract	1,15,17
X	EP 0 479 423 A (ICI PLC) 8 April 1992 (1992-04-08) claims 1-17	9–14
X	US 5 868 913 A (HODGSON DAVID RONALD) 9 February 1999 (1999-02-09) claims 1-9	9-14
X	US 4 941 953 A (MATSUMOTO YUKIEI ET AL) 17 July 1990 (1990-07-17) claims 1-13; example 3; table 3	9-14
	-/	

X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means P* document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search	 "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family Date of mailing of the international search report
20 OCTOBEL 2004	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Teppo, K-M

International Application No
PP2004/008397

		FF2004/008397
C.(Continue	Ition) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 5 314 534 A (GIERSBERG JOACHIM ET AL) 24 May 1994 (1994-05-24) column 3, line 65 - line 68; claims 1-6	1
A	US 4 873 352 A (KOBASHI TOSHIYUKI ET AL) 10 October 1989 (1989-10-10) column 2, line 4 - line 10; claims 1-4; example 3	1-21
A	EP 0 302 738 A (JAPAN EXLAN CO LTD) 8 February 1989 (1989-02-08) claims 1-10; table 5	1-21
	·	

International Application No /EP2004/008397

					-1/Er 2004/00839/	
Patent document cited in search report		Publication date		Patent family member(s)	Publication date	
SU 541849	Α	05-01-1977	SU	541849 A1	05-01-1977	
EP 0479423	Α	08-04-1992	CA DE DE EP JP US	2050458 A1 69115213 D1 69115213 T2 0479423 A1 5148676 A 5334293 A	01-03-1992 18-01-1996 09-05-1996 08-04-1992 15-06-1993 02-08-1994	
US 5868913	A	09-02-1999	AU AU CA CN CN EP FI WO JP NO PL US ZA	689123 B2 7272194 A 2166965 A1 1134731 A ,B 1275638 A 0724656 A1 960635 A 9505499 A1 9501468 T 960552 A 312958 A1 6123816 A 9405720 A	26-03-1998 14-03-1995 23-02-1995 30-10-1996 06-12-2000 07-08-1996 12-02-1996 23-02-1995 10-02-1997 12-02-1996 27-05-1996 26-09-2000 15-05-1995	
US 4941953	A	17-07-1990	JP JP AU CN DE FR GB IT KR SE SG	1767891 C 4043985 B 62274087 A 576450 B2 7330487 A 87103801 A ,B 3715444 A1 2599050 A1 2192008 A ,B 1205959 B 9007536 B1 466352 B 8702123 A 94390 G	11-06-1993 20-07-1992 28-11-1987 25-08-1988 07-01-1988 09-12-1987 26-11-1987 27-11-1987 31-12-1987 05-04-1989 11-10-1990 03-02-1992 23-11-1987 18-01-1991	
US 5314534	Α	24-05-1994	DE DE EP ES	4124136 A1 59202129 D1 0524481 A1 2072662 T3	21-01-1993 14-06-1995 27-01-1993 16-07-1995	
US 4873352	A	10-10-1989	JP JP JP JP JP JP JP EP KR	1930205 C 5046645 B 62184713 A 1910904 C 5046646 B 62184714 A 1892899 C 6017229 B 62187113 A 3765556 D1 0235968 A1 9000082 B1	12-05-1995 14-07-1993 13-08-1987 09-03-1995 14-07-1993 13-08-1987 26-12-1994 09-03-1994 15-08-1987 22-11-1990 09-09-1987 19-01-1990	
EP 0302738	Α	08-02-1989	DE DE	3850316 D1 3850316 T2	28-07-1994 19-01-1995	

International Application No EP2004/008397

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0302738 A		EP JP JP KR US	0302738 A2 1156988 A 2701342 B2 9003954 B1 4924017 A	08-02-1989 20-06-1989 21-01-1998 05-06-1990 08-05-1990